

EXPLICITLY REGISTERING MARKUP BASED ON VERBAL COMMANDS AND EXPLOITING AUDIO CONTEXT

ABSTRACT OF THE DISCLOSURE

A generic way of encoding information needed by an application to register voice commands and enable a speech engine are used to tell a browser what to present to the user and what options are available to the user to interact with an application. This is accomplished by enhancements to a markup language which register and enable voice commands that are needed by an application to the speech engine, and provide an audio context for the page scope command by adding a context option to make the page much more flexible and usable. The action of the application can be altered based on the current audio context by adding a context option. The application remains independent of the browser and separate from interaction with the speech engine. The application can accommodate both verbal and visual interactions by registering the verbal commands and identifying to what those commands will translate.